

20020120.qrp v02_n441.qrl.20020120

Date: Sun, 20 Jan 2002 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2441

QRP-L Digest 2441

Topics covered in this issue include:

- 1) [117885] Items sold, still available
by Caitlyn Martin <ku4qd@qsl.net>
- 2) [117886] L@@KING FOR A
by IamSF5@aol.com
- 3) [117887] 15 meter rig advice
by Dan Marriott <danmarriott@shaw.ca>
- 4) [117888] Re: Different colored magnet wire
by "Craig Johnson" <cbjohns@mn.mediaone.net>
- 5) [117889] Re: 15 meter rig advice
by "Paul R. Valko" <prvalko@oakland.edu>
- 6) [117890] Re: UPDATE: SMT practice kit
by John Wagner <john@wagner-usa.net>
- 7) [117891] Re: Different colored magnet wire
by "Larry Przyborowski" <k3peg@yahoo.com>
- 8) [117892] Re: Different colored magnet wire
by "Lee Mairs" <lmairs@cox.rr.com>
- 9) [117893] DDS via TRF4900
by "John J. McDonough" <wb8rcr@arrl.net>
- 10) [117894] Glowire
by Robert McAtee <w5tnj@camalott.com>
- 11) [117895] Re: Different colored magnet wire
by Dave Fouchey <dafouchey@home.com>
- 12) [117896] Re: QRP-L digest 2438 (reactance vs. resistance)
by Mike <mmorrow@companet.net>
- 13) [117897] Kenwood YG-3395C filter
by n5ib@juno.com
- 14) [117898] Re: Different colored magnet wire
by Bill <w2eb@twcnny.rr.com>
- 15) [117899] OT: Hacked at QRZ.com
by Bill <w2eb@twcnny.rr.com>
- 16) [117900] Curtis Chip sub?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 17) [117901] In the aftermath...
by PDouglas12@aol.com
- 18) [117902] Last Call Sale = The 3rd Annual QRP Contest Calendar for 2002
by "Ron Polityka" <wb3aal@fast.net>
- 19) [117903] Re: Hiding the board-makin' evidence

- by "Michael C. Boatright" <ko4wx@mindspring.com>
- 20) [117904] Re: OT: Hacked at QRZ.com
by "Karl F. Larsen" <k5di@zianet.com>
- 21) [117905] headphones
by "Frank Ilardi" <ilardi@hotmail.com>
- 22) [117906] Re: Hiding the board-makin' evidence
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 23) [117907] Re: OT: Hacked at QRZ.com
by "John Paul Keon" <jpkpeon@nc.rr.com>
- 24) [117908] Headsets
by W2AGN <w2agn@pobox.com>
- 25) [117909] Re: headphones
by "tmyers" <tmyers@AcademicPlanet.com>
- 26) [117910] Re: Curtis Chip sub?
by "E. Roswell" <eroswell@monmouth.com>
- 27) [117911] Re: headphones
by "Karl F. Larsen" <k5di@zianet.com>
- 28) [117912] One item available again, one more sold
by Caitlyn Martin <ku4qd@qsl.net>
- 29) [117913] MI QRP Club January Contest on now!!
by Hank Kohl K8DD <k8dd@arrl.net>
- 30) [117914] Where do ya'll get DDS chips [AD####] in onsies?
by Nick Kennedy <nkennedy@tcainternet.com>
- 31) [117915] QRP PSK-31?
by wkhibbert@juno.com
- 32) [117916] Re: QRP PSK-31?
by "George, W5YR" <w5yr@att.net>
- 33) [117917] Geloso VFO kit
by "Ed Tanton" <n4xy@earthlink.net>
- 34) [117918] Re: Where do ya'll get DDS chips [AD####] in onsies?
by "Karl F. Larsen" <k5di@zianet.com>
- 35) [117919] Re: Where do ya'll get DDS chips [AD####] in onsies?
by "Trevor Jacobs" <fxtech@earthlink.net>
- 36) [117920] Re: Where do ya'll get DDS chips [AD####] in onsies?
by "Leon Heller" <leon_heller@hotmail.com>
- 37) [117921] Re: Where do ya'll get DDS chips [AD####] in onsies?
by John Seboldt K0JD <k0jd-1@seboldt.net>
- 38) [117922] Re: Where do ya'll get DDS chips [AD####] in onsies?
by John Seboldt K0JD <k0jd-1@seboldt.net>
- 39) [117923] Acessing Yahoo Mail Reflectors (groups) - Lengthy
by SMurph555@aol.com
- 40) [117924] Re: Acessing Yahoo Mail Reflectors (groups) - Lengthy
by "John J. McDonough" <wb8rcr@arrl.net>
- 41) [117925] WANTED: Yaesu FT-7 (original version)
by Caitlyn Martin <ku4qd@qsl.net>
- 42) [117926] Re: Hacked at QRZ.com
by "Pat J. Whelton" <pwhelton@hal-pc.org>
- 43) [117927] Re: Where do ya'll get DDS chips [AD####] in onsies

- by "James R. Duffey" <jamesd1@flash.net>
- 44) [117928] Re: headphones
by "Rod N0RC" <rod@n0rc.com>
- 45) [117929] Re: headphones - Aircraft and Communications....
by "Robert Marlan" <rsm@otology.com>
- 46) [117930] Re: headphones
by "James R. Duffey" <jamesd1@flash.net>
- 47) [117931] Re: QRP PSK-31?
by "Dave Benson" <nn1g@earthlink.net>
- 48) [117932] I got the deep-cycle blues!
by "Bruce Prior" <n7rr@hotmail.com>
- 49) [117933] Re: QRP PSK-31?
by "George, W5YR" <w5yr@att.net>
- 50) [117934] Re: headphones
by "Harold Smith" <harold.smith1@worldnet.att.net>
- 51) [117935] FW: [drakelist] For sale
by "Ed Tanton" <n4xy@earthlink.net>
- 52) [117936] For Sale
by Michael Goins <mgoins@usa.net>

Date: 19 Jan 2002 14:15:50 -0500
From: Caitlyn Martin <ku4qd@qsl.net>
To: qrp-l@lehigh.edu, VHF Reflector <vhf@w6yx.stanford.edu>,
"Franklin Co. ARC" <hams@fcarc.net>
Subject: [117885] Items sold, still available
Message-ID: <1011467754.3600.14.camel@localhost.localdomain>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

Hi, everyone,

The following items are now spoken for:

Kantronics KT-115
JiM T-One
Daiwa CN-410M wattmeter

The following are still available:

Belcom Kappa-15
National RJX-601
JPS NIR-10
Toshiba Satelllite Pro 430CDT

Thanks and 73,

Caity
KU4QD

Date: Sat, 19 Jan 2002 19:33:40 EST
From: IamSF5@aol.com
To: qrp-L@lehigh.edu
Cc: fpqrp-l@mpna.com
Subject: [117886] L@@KING FOR A
Message-ID: <d0.20f1e925.297b6a64@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all,
I'm looking for a grid dip meter.
Anyone have a used one that they don't use anymore?
Please "E" mail direct.
Thanks
Bob
WA2HOQrp <tm>

Date: Sat, 19 Jan 2002 17:07:48 -0800
From: Dan Marriott <danmarriott@shaw.ca>
To: qrp-l@lehigh.edu
Subject: [117887] 15 meter rig advice
Message-ID: <3C4A1864.CA6576EB@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hi All,
After several years of being inactive at qrp I have re-joined the list
and have picked up on an old project that I have saved.

I need some advice from the group, so please email me with suggestions.
The quandry for me is this:
I have much info and the cct bord for the QRP-15 Rick Littefield rig -
no parts. I would like to tackle the project but need to be pointed to

suppliers who might have things like the xtals and 50 pf air variable.
Or, maybe a better question; is there a better 15 meter kit out there
that I should consider? Thanks...

Dan
VE7CTN

PS I built up an Emtech 40 meter rig and integrated an curtis keyer and
SCAF filter into it - getting to use it again and having lots of fun..
but looking at 15 m now.

Date: Sat, 19 Jan 2002 19:31:28 -0600
From: "Craig Johnson" <cbjohns@mn.mediaone.net>
To: <qrp-1@Lehigh.EDU>
Subject: [117888] Re: Different colored magnet wire
Message-ID: <002601c1a152\$31bbb560\$6601a8c0@CBJP2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe I can add one more idea about torroid winding.

I just got through building a 2N2-40, with the kind Elmering
of Jim Kortge. There are LOTS of torroids to wind in this radio.

I started out using several colors of fingernail polish, but was never
completely happy with the result. It took too long to dry and seemed
to flake off when soldering.

I am now using little pieces of insulation that I strip off from different color
wires. I get a piece about 3/16" long and slide it over the wire end.
I just ohm them out and mark them all. Then solder 'em in.

In addition, I keep consistency throughout the radio. Pin 1 is always
yellow, Pin 2 is always green, Pin 3 is always white, Pin 4 is always
blue. If there are 6 pins, Pin 5 is always red and Pin 6 is always black.
This makes it nice when checking my work later.

72,
Craig, AA0ZZ

Date: Sat, 19 Jan 2002 20:36:30 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Dan Marriott <danmarriott@shaw.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117889] Re: 15 meter rig advice
Message-ID: <Pine.OSF.4.21.0201192034450.8332-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think for about \$125, Ten*Tec can sell you the complete kit, with a new circuit board and case.

May not be the *exact* rig, but you'll save yourself hours of grief and hassle looking for the parts for the PCB you already own.

Just a thought.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

On Sat, 19 Jan 2002, Dan Marriott wrote:

> Hi All,
> After several years of being inactive at qrp I have re-joined the list
> and have picked up on an old project that I have saved.
>
> I need some advice from the group, so please email me with suggestions.
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> no parts. I would like to tackle the project but need to be pointed to
> suppliers who might have things like the xtals and 50 pf air variable.
> Or, maybe a better question; is there a better 15 meter kit out there
> that I should consider? Thanks...
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> Dan
> VE7CTN
>
> PS I built up an Emtech 40 meter rig and integrated an curtis keyer and
> SCAF filter into it - getting to use it again and having lots of fun..
> but looking at 15 m now.
>

Date: Sat, 19 Jan 2002 20:45:56 -0500
From: John Wagner <john@wagner-usa.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117890] Re: UPDATE: SMT practice kit
Message-ID: <3C4A2154.2E18B9DB@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

He heh - looks awesome Steve! Can't wait to build it.

Thanks very much for the work you put into this, much appreciated.

73,

John, N1QO

Steven Weber wrote:

>
> Got the last few parts in today (priority mail) to finish the practice
> kits, so I built one up. Works FB, though with out dot or dash memory, does
> take a little getting used to at low speeds where you apt to over key.
>
> I up loaded a picture of the keyer onto my website, for those who would
> take a look at it or find out more about it. We do still have a few left..
>
> I'll start kitting tonight and hope to start getting them in the mail early
> next week.
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>

--
John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Sat, 19 Jan 2002 20:49:38 -0500
From: "Larry Przyborowski" <k3peg@yahoo.com>

To: <cbjohns@mn.mediaone.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117891] Re: Different colored magnet wire
Message-ID: <022601c1a154\$b8b3cb00\$6401a8c0@longh101.md.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Craig,

That's another good way to do it. I used that method when I built a 4017 transverter. I got some scrap telephone intercom cable and stripped the insulation from its wires. Sleeving is much better than paints, and I found that placing a drop of glue at one end of the sleeving helped keep it in place. I've used either diluted Elmer's glue or nail polish for that purpose.

73, Larry - K3PEG

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 19 Jan 2002 21:01:18 -0500
From: "Lee Mairs" <lmairs@cox.rr.com>
To: <cbjohns@mn.mediaone.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117892] Re: Different colored magnet wire
Message-ID: <014301c1a156\$5a910f40\$6501a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great idea Craig!
73 de Lee
km4yy

Those fighting for free enterprise and free competition do not defend the interests of those rich today. They want a free hand left to unknown men who will be the entrepreneurs of tomorrow...

--Ludwig von Mises

Subject: Re: Different colored magnet wire

> Maybe I can add one more idea about torroid winding.
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> of Jim Kortge. There are LOTS of torroids to wind in this radio.
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> completely happy with the result. It took too long to dry and seemed
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> yellow, Pin 2 is always green, Pin 3 is always white, Pin 4 is always
> blue. If there are 6 pins, Pin 5 is always red and Pin 6 is always black.
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>
> 72,
> Craig, AA0ZZ
>
>
>

Date: Sat, 19 Jan 2002 21:14:04 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117893] DDS via TRF4900
Message-ID: <000d01c1a158\$280b2ea0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Has anyone fooled with using a TI TRF4900 for DDS? Although it was intended as a cell phone transmitter, the part is under five bucks and you can get the thing, unlike most DDS chips. Seems like this part with a prescaler to whack down the frequency and you could have a pretty neat little DDS VFO for not much money.

Has anyone fooled with this thing?

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 19 Jan 2002 19:59:05 -0600
From: Robert McAtee <w5tnj@camalott.com>
To: qrp-l@Lehigh.EDU
Subject: [117894] Glowire
Message-ID: <3.0.3.32.20020119195905.0069c330@mail.camalott.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dennis, interesting post. I ordered a "live wire" kit from JDR Micro for \$39 with 8 ft of blue wire and pwr supply. I thought maybe it could be cut to size for my K-1. Found the pwr supply, half the size of a pack of cgts, has a switching supply and must be high voltage. (I can hear it sing). Do you know of a way to cut it to size?? Is that neon in the tube? Guess I should have ordered it via your suggestion and saved some bucks. Oh well it is amazing stuff.... AG5F, Abilene, TX. (U may Email direct)

Dennis Payton, N9JXY wrote:

I was working for somebody today and learned that they have an Internet business that sells electroluminescent wire called Glowire. I've never seen anything like it before and found it really fascinating. I bought a little kit that sells for \$25 but I think the basic wire sells for \$1.95 per foot. It requires a 2 Khz. driver which came with the kit, but I'd think one could be built fairly easily.

It uses very little power and I think it would do a great job of providing light for nighttime operation, or for decoration. It puts out a surprising amount of light and I plan to put it around the front panel of a rig I built in a lunch box so I can more easily operate at night.

Anyways, I thought other people might find it interesting and useful. If you do business with them, would you tell them their heating man recommended you? (Maybe I'll win a car or something!) They're a very nice family.

They also sell some other related stuff and their website is at <http://glowire.com/> .

Denny Payton N9JXY
Auburn, IN

Date: Sat, 19 Jan 2002 21:38:16 -0500
From: Dave Fouchey <dafouchey@home.com>
To: cbjohns@mn.mediaone.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117895] Re: Different colored magnet wire
Message-ID: <4.1.20020119213338.0098c730@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Unless of course you are using Telephone Cable and use THAT standard for pin/wire ID...White/blue 01 Blue/White 02 White/Orange 03 Orange/white 04...etc (we won't get into T & R and T1 & R1...). with a common piece of 25 pair cable it is easy to designate all 50 connections simply and quickly.

cheers!

Dave
WA4EMR
Sterling Heights, MI

At 07:31 PM 1/19/2002 -0600, Craig Johnson wrote:
>Maybe I can add one more idea about torroid winding.
>
>I just got through building a 2N2-40, with the kind Elmering
>of Jim Kortge. There are LOTS of torroids to wind in this radio.
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>
>72,
>Craig, AA0ZZ
>
>

Date: Sat, 19 Jan 2002 20:40:41 -0600
From: Mike <mmorrow@companet.net>
To: Steven Weber <kdljv@moose.ncia.net>
Cc: qrp-1@lehigh.edu
Subject: [117896] Re: QRP-L digest 2438 (reactance vs. resistance)
Message-ID: <3C4A2E29.1C33@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> In an AC circuit, capacitors and inductors have an **apparent**
> resistance called reactance.

Er...ahem...no.

There is NO such thing as apparent resistance, and in no way can reactance ever, I say again EVER, be equated to resistance. The two describe completely different electrical phenomena. If you expect 50 ohms resistance in a circuit, and find 50 ohms inductive or capacitive reactance instead, the two situations are grossly different and are in NO way equivalent. This seems to be a very common misunderstanding. And just because the units of measurement (ohms) are the same for the two, they are definitely NOT equivalent in ANY manner. They are not. They are not. They are not.

They are not.

The essence of a resistive component is that the current through and voltage across waveforms are in phase. If you pick a value of voltage and a value of current at any instant from the plotted waveforms of E and I, the product of the two ($E \times I$) is instantaneous power to the component. The result is always POSITIVE everywhere within one cycle of applied AC. This means that at any instant, power is being delivered to the resistive component, thus it consumes energy all through the AC cycle.

The essence of a reactive component is that the current through and voltage across waveforms are out of phase by 90 degrees. If you pick a value of voltage and a value of current at any instant from the plotted waveforms of E and I, the product of the two ($E \times I$) is the instantaneous power to the component. It is POSITIVE in two quarter cycles and NEGATIVE in two quarter cycles within one cycle of applied

AC. This means that during half of the AC cycle the reactive component is storing energy in magnetic or electric fields, and then in the other half of the AC cycle the reactive component is returning that stored energy to the circuit as the magnetic or electric field collapses. The *NET* power to and consumption by the ideal reactive component is thus ZERO in each AC cycle.

Try these E, I, and P plots yourself and you'll see what I mean.

One can measure the RMS current I-reactive flowing through a reactive component and the RMS voltage E-reactive across the reactive component, and compute the REACTANCE in ohms as $E\text{-reactive} / I\text{-reactive}$.

One can measure the RMS current I-resistive flowing through a resistive component and the RMS voltage E-resistive across the resistive component, and compute the RESISTANCE in ohms as $E\text{-resistive} / I\text{-resistive}$.

One can measure the RMS current I through and RMS voltage E across a circuit containing resistive AND/OR reactive components, and compute the IMPEDANCE in ohms as E / I .

The fact that reactance is measured in ohms and resistance is measured in ohms in no way implies that the two are equivalent. They are in no way equivalent, nor can one be converted to the other.

Reactance occurs when a component stores, then returns, energy during one AC cycle. No *net* energy is consumed by the reactive component.

Resistance occurs when a component consumes energy at every instant in one AC cycle. Energy is always consumed by the resistive component at every instant.

These two effects are completely unrelated to each other, even though "ohm" is the term used for each.

Impedance (Z) is the measure of the combined effects of the reactive and resistive components in a circuit. $Z = \text{resistance (R)} + j \text{ reactance (Q)}$.

Impedance is also measured in ohms. A purely resistive (Q=0) or reactive (R=0) circuit still has an impedance.

> for all practical purposes, reactance is the resistance of a
> capacitor or inductor at a certain frequency.

For NO purposes is this true. The physics of a resistive component is completely different from the physics of a reactive component. They are

never in any way equivalent.

> If this were not the case, reactance would not be expressed in
> the terms ohms

Another common misunderstanding.

The RMS voltage across and the RMS current through any electrical component can be measured and used to compute "ohms" by dividing the voltage by the current. This does NOT mean the term "ohm" describes the physics of the component in any way. It does not. It does not. Reactive ohms are not in any way equivalent to resistive ohms, at any AC frequency!

> but something else.

The *correct* and *complete* terms ARE in fact different:

- Ohms-resistive,
- Ohms-inductive reactance,
- Ohms-capacitive reactance.

In the electrical power industry (scorned by the common digital-boy EEs, but one in which I've spent many years), we DO use distinctive nomenclature for the product of E and I in a reactive or resistive component.

POWER	UNIT
Real or Resistive:	watts (W)
Reactive:	volt-amps reactive (VAR)
Apparent:	volt-amps (VA) = square root (W squared + VAR squared)

I can assure you that we who generate electrical energy are NEVER in danger of confusing a resistive load with a reactive load, or assuming that a load of 500 MW is in ANY way equivalent to a load of 500 MVAR! They are not. They are not.

In our ham QRP situations, the theory and practice are the same, but at much lower power and much higher frequencies. If you find that your antenna system at the operating frequency is completely reactive at 50 ohms, you will deliver NO real power to the antenna and probably have a bad time with it. If you find that your antenna system at the operating frequency is resistive with no reactance (the definition of resonant), you'll have a much better time. (It must be stressed that the absence of *reactance* in an antenna system is unusual and is definitely NOT a requirement for good performance. But you better have a *resistive* component there somewhere if you expect it to absorb and radiate real power!)

73,
Mike / KK5F

Date: Sat, 19 Jan 2002 22:16:09 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [117897] Kenwood YG-3395C filter
Message-ID: <20020119.210920.7559.0.n5ib@juno.com>

Anyone have a Kenwood YG-3395C filter you're willing to part with ??

72
Jim N5IB

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Sat, 19 Jan 2002 23:20:58 -0600
From: Bill <w2eb@twcnny.rr.com>
To: qrp-1@lehigh.edu
Subject: [117898] Re: Different colored magnet wire
Message-ID: <3C4A53BA.8A930AFB@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

One of the latest "fads" in the craft world uses enamelled wire. The wire just happens to be copper! Go to a local craft store and look for it. I recently bought three 25 foot rolls at \$.50 each on sale. They had about 8 different colors in sizes ranging from 16 ga. to 26 ga. It's a little harder to tin than actual magnet wire; you can't just heat it with an iron until the enamel melts. You have to actually scrape the enamel away first.

73,

Bill
W2EB

Lee Mairs wrote:

>

> Does anybody have a source for reasonable quantities of magnet wire in
> different colors?

Date: Sat, 19 Jan 2002 23:26:51 -0600
From: Bill <w2eb@twcnny.rr.com>
To: qrp-1@lehigh.edu
Subject: [117899] OT: Hacked at QRZ.com
Message-ID: <3C4A551B.49F36BDB@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

In the unlikely event that any of you has looked up my callsign at QRZ.com recently, please note that the picture you saw WASN'T ME!!!

Someone hacked my callsign page and added a bogus picture. I have NEVER posted a picture there, nor do I plan to in the future.

73,

Bill
W2EB

Date: Sat, 19 Jan 2002 21:09:45 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [117900] Curtis Chip sub?
Message-ID: <000101c1a170\$acfaa100\$2802a8c0@RAMcCarty>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Can someone tell me if I can sub an 8044B for a currently installed 8044? I happened across an older Vibroplex Brass Racer with the integrated keyer however, the keyer does not have dot-dash memory and I am finding it very difficult to make the transition. It is my understanding this is the difference between the 8044 and the 8044B? Is this correct? And are the 8044B's still available?

Thanks in advance

Roger KD6CC

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.314 / Virus Database: 175 - Release Date: 1/11/2002

Date: Sun, 20 Jan 2002 00:31:50 EST

From: PDouglas12@aol.com

To: qrp-1@lehigh.edu

Subject: [117901] In the aftermath...

Message-ID: <b6.530593e.297bb046@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Guys,

I got a nice note from Joe N2CX about other things, but he noted in passing that the last I posted, I was knocked out of our offices at 100 Church, trying to keep my law firm together, after that terrible day. I thought, though it is at least in part OT as they say, I should give you a follow up on the story.

The building that houses my offices, 100 Church, stands one block North of the WTC campus, and its back corner is diagonally across the street from WTC #7 which was something like 40 stories--it burned and fell after the big ones. The debris from #7 fell halfway across the intersection towards 100 Church, but didn't come all the way across, leaving my building structurally intact, except for the airplane parts on the roof and many broken windows on the South side. One of the jets flew right through the tower from the South, spraying airplane parts for blocks to the North. That morning, as I foolishly walked toward the WTC, following the attacks, I saw a jet engine just sitting in the street on Church. Who would have thought the towers would fall a few minutes later? I am very lucky a cop turned me around, so when they fell I was two blocks further uptown. I hope that cop made it.

Anyway, in the days that followed, we had to find everyone and make sure we hadn't lost any of our staff. Phones were out all over the NY Metro area, and contacting people was very difficult. With the help of email and cell

phones, we were able to reach everyone. Thank God, our firm had no injuries. I found space uptown, rented it, and had us in operation by 9/24; the space was much too small, and the secretaries had to work in split shifts; the lawyers worked three or four to a small cubicle. It was awful and depressing, but we survived.

We moved back into our offices on January 15, 2002. If you'd have told me I would be out of our normal offices for four months, I would have said we couldn't survive. But we did. The environmental cleanup was monumental. Something like five hundred people in space suits had to get the dust and poisons out of the building, and it took months. There are still traces of heavy metals in there, but no asbestos.

All of this is just what they call collateral damage in a war. People displaced; economies depressed; inconvenience and loss. Sure, we were victims too. But in perspective, compared to what happened to my friend Bill Steckman WA2ACW, we were lucky. Bill was the engineer in charge of the NBC transmitters on the 104th floor of one of the towers. He was just about to go off from the overnight shift when the attack hit. He was lost when the towers fell.

This weekend, I've started thinking about getting the shack straightened up and getting back on the air.

72,

Preston WJ2V

Date: Sun, 20 Jan 2002 06:32:04 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [117902] Last Call Sale = The 3rd Annual QRP Contest Calendar for 2002
Message-ID: <001f01c1a1a6\$420d5e60\$22635cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Eastern PA QRP Club is selling the 3rd Annual QRP Contest Calendar for 2002. This color picture calendar has an Appalachian Trail theme.

The calendar will list all QRP contests and contests with QRP categories. It will be a fold out style that you can hang on your wall next to your rig. There is Web site and Contest Manager listings.

The calendar is being mailed out now. The cost will be \$13.50 for US and

\$15.50 for DX. This will include the shipping cost.

We still have a few copies remaining.

For more information please check www.n3epa.org .

72 & 73

Good DXing

Ron Polityka
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Sun, 20 Jan 2002 07:12:20 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-1@lehigh.edu
Cc: nilsbull@juno.com
Subject: [117903] Re: Hiding the board-makin' evidence
Message-ID: <5.0.2.1.2.20020120070925.026c79a0@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Nils,

> So now it's either I wait for the island cutter(s) to arrive or I get
out the Dremel tool.

Try using your Dremel a different way:

http://www.g4wif.fsnet.co.uk/q_tech11.htm

Nifty tip shown to me by Tony Fishpool, G4WIF, in London last week...

72 de Mike, K04WX

Michael C. Boatright

Date: Sun, 20 Jan 2002 05:37:38 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bill <w2eb@twcnny.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117904] Re: OT: Hacked at QRZ.com
Message-ID: <Pine.LNX.4.33.0201200532040.1573-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just looked and there is no picture shown now Bill. I suspect rather than a hacker, that something went wrong. But they have fixed it now.

QRZ is a fine resource for Ham Radio things. I send people to it for practise with the written elements of the FCC exams. The database is kept updated well and people who are looking for their first callsign will see it there.

So I like QRZ.

On Sat, 19 Jan 2002, Bill wrote:

> Folks,
>
> In the unlikely event that any of you has looked up my callsign at
> QRZ.com recently, please note that the picture you saw WASN'T ME!!!
> Someone hacked my callsign page and added a bogus picture. I have
> NEVER posted a picture there, nor do I plan to in the future.
>
> 73,
>
> Bill
> W2EB
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 20 Jan 2002 14:57:20
From: "Frank Ilardi" <ilardi@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [117905] headphones
Message-ID: <F53F8HGmCvoXM7e0C9g000240b6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi list,

I'm looking for some advise on a good pair of headphones, both for the field and for home. any suggestions out these?

Frank AL7LV

Frank Ilardi
Box 240606
Anchorage, Alaska 99524

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sun, 20 Jan 2002 15:04:01 -0000
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117906] Re: Hiding the board-makin' evidence
Message-ID: <00f801c1a1c3\$f52323a0\$4c0b87d9@duron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A more detailed explanation of how to make the tool that Mike mentioned should appear in (I think) the next issue of QRP Homebrewer. Once it has, with George Heron's permission I will use some of the material to update the GQRP page quoted by Mike. (George also kindly puts a lot of good stuff on the NJQRP pages).

The big difference between the island cutter that NJQRP (and GQRP) sell is that you don't need to use a power tool with mine - you just twirl it in your fingers - instant island!

The downside is that you do need to drill a small pilot hole and with the NJQRP cutter you don't (and of course, by sending a few quid to George, you don't need to make your own tool!).

Kind regards
Tony - G4WIF

----- Original Message -----

From: "Michael C. Boatright" <ko4wx@mindspring.com>

<snip>

> Try using your Dremel a different way:

>

> http://www.g4wif.fsnet.co.uk/q_tech11.htm

>

> Nifty tip shown to me by Tony Fishpool, G4WIF,

> in London last week...

<snip>

Date: Sun, 20 Jan 2002 09:51:36 -0500

From: "John Paul Keon" <jpkeon@nc.rr.com>

To: <k5di@zianet.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [117907] Re: OT: Hacked at QRZ.com

Message-ID: <003501c1a1c1\$f657e500\$6501a8c0@nc.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I did not find it Bill.

I have my "MERCURY" on there with my call,
and someone would have trouble getting on there
and changing data or the picture.

JohnPaul/ab4pp

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, January 20, 2002 7:37 AM

Subject: Re: OT: Hacked at QRZ.com

>

> I just looked and there is no picture shown now Bill. I suspect rather
> than a hacker, that something went wrong. But they have fixed it now.
>
> QRZ is a fine resource for Ham Radio things. I send people to it
> for practise with the written elements of the FCC exams. The database is
> kept updated well and people who are looking for their first callsign will
> see it there.
>
> So I like QRZ.
>
> On Sat, 19 Jan 2002, Bill wrote:
>
> > Folks,
> >
> > In the unlikely event that any of you has looked up my callsign at
> > QRZ.com recently, please note that the picture you saw WASN'T ME!!!
> > Someone hacked my callsign page and added a bogus picture. I have
> > NEVER posted a picture there, nor do I plan to in the future.
> >
> > 73,
> >
> > Bill
> > W2EB
> >
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Date: Sun, 20 Jan 2002 10:21:56 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Cc: fpqrp-l@mpna.com
Subject: [117908] Headsets
Message-ID: <02012010215601.02394@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I recently purchased on eBay a Racal Air Force Headset, that a guy in GB had on sale. Had to change the cord, but WOW! what a headset. Much

more sensitive than anything I have used before. They look like those ear protectors mechanics use around jet engines, and do just about completely block out outside noises, yet are quite comfortable, although heavy. I got mine for \$30 USD, including shipping from the UK, and worth every penny. If you see his ad in eBay again, consider it. His email was mark@mygotalk.com.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 20 Jan 2002 09:25:47 -0600
From: "tmyers" <tmyers@AcademicPlanet.com>
To: <ilardi@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117909] Re: headphones
Message-ID: <008401c1a1c6\$bdc845e0\$1600a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FWIW:

I have always had a comfort problem with earphones. I have tried many that feel good for awhile but hurt after 30 minutes. I talked with some of the local teenagers about the comfort of the earphones they were using with the "walkman type devices" they were using and almost to the person they liked the "in your ear style" earphone. I purchased a Sony pair (only \$10) and gave it a try. The result is they are very comfortable for long periods and they perform well.

I did find another pair designed for use on a computer that work even better. It is a Koss SW-10 and it has good phones and a boom mic that I use on my K2 and Kenwood gear. I have gotten many unsolicited compliments on the audio while using them. They were about \$15 at the local computer store. The phones are 32 ohms and the mic is 680 ohms. They are comfortable and work well.

You may not be able to find the same model as I did, that was about 3 years ago, but I have seen many other models in the computer stores. Just wire up a mic plug with a pig tail to a regular 1/8 phone jack for the mic and one for the PTT connection (I put a switch in a piece of PVC pipe and sometimes use a foot switch from RS \$5 RS# 44-610D) and

then you can try the various mic/phone arrangements at will and move them around. This is the absolute best arrangement I have found to date.

Your mileage may vary, but I think you will be pleasantly surprised.

73

KQ5U, Terry
Spring, Texas

----- Original Message -----

From: Frank Ilardi <ilardi@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, January 20, 2002 2:57 PM
Subject: headphones

> Hi list,
>
> I'm looking for some advise on a good pair of headphones, both for the
field
> and for home. any suggestions out these?
>
> Frank AL7LV
>
> Frank Ilardi
> Box 240606
> Anchorage, Alaska 99524
>
>
> -----
> Join the world s largest e-mail service with MSN Hotmail.
> <http://www.hotmail.com>
>

Date: Sun, 20 Jan 2002 10:41:30 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [117910] Re: Curtis Chip sub?
Message-ID: <3C4AE52A.87CAB270@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Go to: <http://www.arrl.org/files/infoserv/tech/curtis.txt>

This ARRL page charts all the differences in the Curtis family of chips.

73, Ed,

K2MGM

Date: Sun, 20 Jan 2002 08:42:45 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Frank Ilardi <ilardi@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117911] Re: headphones
Message-ID: <Pine.LNX.4.33.0201200840450.2340-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Frank, I found earphones in Office Max and bought a Sony but no model on them but anyhow they are the best pair I have ever had! I plan to get another one for spare.

On Sun, 20 Jan 2002, Frank Ilardi wrote:

> Hi list,
>
> I'm looking for some advise on a good pair of headphones, both for the field
> and for home. any suggestions out these?
>
> Frank AL7LV
>
> Frank Ilardi
> Box 240606
> Anchorage, Alaska 99524
>
>
> -----
> Join the world s largest e-mail service with MSN Hotmail.
> <http://www.hotmail.com>
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: 20 Jan 2002 06:07:41 -0500
From: Caitlyn Martin <ku4qd@qsl.net>
To: qrp-l@lehigh.edu, vhf@w6yx.stanford.edu,
"Franklin Co. ARC" <hams@fcarc.net>
Subject: [117912] One item available again, one more sold
Message-ID: <1011524863.11174.12.camel@localhost.localdomain>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

Hi, everyone,

The Jim T-One 10M FM/AM portable/mobile rig is again available. The
"buyer" backed out.

The JPS DSP is spoken for.

The Toshiba laptop, the Belcom Kappa-15 and the National RJX-601 are the
only other two items remaining.

All the best,
Caity
KU4QD

Date: Sun, 20 Jan 2002 11:52:22 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Cc: list MI QRP Club <MIQRPClub@yahoogroups.com>
Subject: [117913] MI QRP Club January Contest on now!!
Message-ID: <5.1.0.14.2.20020120115040.024681b0@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The Michigan QRP Club January Contest is on now.
3560 7040 14040 21040 28040
Rules - <http://www.qsl.net/miqrpcclub/rules01.htm>

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.qsl.net/k8dd>

* / MI-QRP - Vice Pres. QRP-ARCI - Director
* /

Date: Sun, 20 Jan 2002 11:15:57 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [117914] Where do ya'll get DDS chips [AD####] in onsies?
Message-ID: <01C1A1A3.D600C380.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sold some boatanchors on Ebay and I'm trying to spend the money on parts,
lest I fritter it away on stuff like food, rent, and shoes for the kids.

So where do you get things like Analog Devices AD9835BRU and so on in small
quantities, without S&H costing a lot more than the chip itself?

TU & 72--

Nick, WA5BDU

<http://www.cswnet.com/~nkennedy/>

Date: Sun, 20 Jan 2002 12:16:45 -0500
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [117915] QRP PSK-31?
Message-ID: <20020120.121646.-401871.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I finally seem to have the bugs out of my PSK-31 interface, and now come
the BIG questions:

What should the output be in the idle mode to se the rig for 5 watts PEP?
Should I see 5 watts in that mode, 2.5 watts or what???

I am presently seeing about 3 watts with the ALC just starting to rise on
the Kenwood. I have the POWER cranked down the minimum which gives me 5
watts PE on SSB.

I am making contacts, even getting in a 2 hour ragchew on 20 Meters so it works. The IMD reports I get are between -26 dB and -29 dB, well within the requirements.

The interface is a hodgepodge of QST articles, cut and pasted to fit my junkbox.

Also, I would be happy to make any and all skeds if anyone would like. I am on 40 - 15 Meters right now.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"
mailto:wb2vuo@arrl.net

GET INTERNET ACCESS FROM JUNO!
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Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Sun, 20 Jan 2002 11:38:18 -0600
From: "George, W5YR" <w5yr@att.net>
To: wkhibbert@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117916] Re: QRP PSK-31?
Message-ID: <3C4B008A.2F8FED20@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It works out this way:

IF you have set up all your audio equipment so that nothing is distorting, then if the keydown output power from your transmitter is 5 watts, as read on an *average* power meter, not a peak-reading meter, then in IDLE your meter should read 2.5 watts.

If you have a PEP meter, then using that mode, key down and set up for a PEP of 5 watts. Then turn on the IDLE mode with the wattmeter still reading PEP, and you will still see 5 watts because that is the PEP of the PSK31 IDLE signal.

Now switch the meter to average power, and it will drop to 2.5 watts. If it does not, then you are dealing with a distorted two-tone signal and will probably need a scope to really diagnose the problem.

Lacking that, start by reducing your soundcard output settings on the Volume and Wave sliders on the mixer display. Next reduce the mic gain of the rig. Continue reducing things and trying different relative settings until you can find the combination of levels that gives the 2:1 ratio between PEP and average on the wattmeter. I think that you can see where a scope makes this job a lot easier! <:}

The absolute accuracy of your wattmeter is not terribly critical. Most meters that have both PEP and average modes will correctly show the difference in power between the two even though the actual power indications may be in error.

Hope you continue to enjoy PSK31. If you are getting acceptable IMD reports already, you are not too far off the mark. Really careful adjustments should get you better than -30 db IMD reports. I find with the Icom IC-756PRO and very careful adjustments that I can get about -35 db for IMD as measured with another receiver and computer, etc. in the shack. Under those conditions, the PRO is putting out 40 watts PEP and exactly 20 watts average. I know, not QRP, but that is the highest level I can run on the PRO and still get exceptional IMD performance. I can operate then at much lower levels just by reducing the audio level out of the soundcard with the Volume slider.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

wkhibbert@juno.com wrote:

>

> What should the output be in the idle mode to see the rig for 5 watts PEP?

> Should I see 5 watts in that mode, 2.5 watts or what???

Date: Sun, 20 Jan 2002 14:13:17 -0500
From: "Ed Tanton" <n4xy@earthlink.net>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [117917] Geloso VFO kit
Message-ID: <FPEFLKCELI EODIIACFIGCEJICKAA.n4xy@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have just placed four photos on my website of the NOS (new old stock) Geloso VFO kit (from the 1960s) I have on the way from Canada. Looks like it will be a very nice QRP transmitter by itself. I plan to put 'shoes' (a 6V6-if needed-and an 807) on it, but will keep whatever stage it puts out 5W with available as a separately switched output. The photos are at:
<<http://www.n4xy.com/transmitters1.html>>

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 20 Jan 2002 12:25:22 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Nick Kennedy <nkennedy@tcainternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117918] Re: Where do ya'll get DDS chips [AD####] in onsies?
Message-ID: <Pine.LNX.4.33.0201201224520.2929-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mouser Electronics.

On Sun, 20 Jan 2002, Nick Kennedy wrote:

> Sold some boatanchors on Ebay and I'm trying to spend the money on parts,
> lest I fritter it away on stuff like food, rent, and shoes for the kids.
>
> So where do you get things like Analog Devices AD9835BRU and so on in small

> quantities, without S&H costing a lot more than the chip itself?
>
> TU & 72--
>
> Nick, WA5BDU
>
> <http://www.cswnet.com/~nkennedy/>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 20 Jan 2002 11:43:02 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117919] Re: Where do ya'll get DDS chips [AD####] in onsies?
Message-ID: <004501c1a1ea\$aeca5780\$1fb0b2d1@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Nick and all,

Wow, I didn't know that Mouser was stocking them. I'll have to check the price.

If you register at the Analog Devices web page www.analog.com, you can request up to 2 samples for free. They usually arrive within a week. I've gotten samples of the AD9835, AD9850, AD9851, and other parts from them that I wanted to try out this way. Also, I have purchased them from Future electronics over the web. You will get a better price from Avnet electronics though, also over the web. Sorry, but I don't have their web site addresses as I'm on my notebook at the YL's place this weekend. Funny you should bring that up as I'm working on some AD9850 software right now! Hope this helps. What are you planning on using them for?

Best 72/73's
Trev
KG6CYN

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 20, 2002 9:15 AM
Subject: Where do ya'll get DDS chips [AD####] in onsies?

> Sold some boatanchors on Ebay and I'm trying to spend the money on parts,
> lest I fritter it away on stuff like food, rent, and shoes for the kids.
>
> So where do you get things like Analog Devices AD9835BRU and so on in
small
> quantities, without S&H costing a lot more than the chip itself?
>
> TU & 72--
>
> Nick, WA5BDU
>
> <http://www.cswnet.com/~nkennedy/>
>
>

Date: Sun, 20 Jan 2002 19:44:28 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: nkennedy@tcainternet.com, qrp-1@Lehigh.EDU
Subject: [117920] Re: Where do ya'll get DDS chips [AD####] in onsies?
Message-ID: <F36ST7y6HYxNKZvEHAo00000163e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Nick Kennedy <nkennedy@tcainternet.com>
>Reply-To: nkennedy@tcainternet.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Where do ya'll get DDS chips [AD####] in onsies?
>Date: Sun, 20 Jan 2002 11:15:57 -0600
>
>Sold some boatanchors on Ebay and I'm trying to spend the money on parts,
>lest I fritter it away on stuff like food, rent, and shoes for the kids.
>
>So where do you get things like Analog Devices AD9835BRU and so on in small
>quantities, without S&H costing a lot more than the chip itself?

I get ADI chips like AD9850s and DSPs from my usual ADI distributor. The S&H is #4.50 (UK pounds) + VAT. Quite expensive, but I order enough to make it worthwhile. Besides, the supply tends to be rather erratic, so I get them when I can.

ADI is very good with samples from their web site now. Worth trying to see if you can get a couple of freebies.

73, leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Join the world s largest e-mail service with MSN Hotmail.

<http://www.hotmail.com>

Date: Sun, 20 Jan 2002 14:12:46 -0600

From: John Seboldt K0JD <k0jd-l@seboldt.net>

To: qrp-l@Lehigh.EDU

Subject: [117921] Re: Where do ya'll get DDS chips [AD####] in onsies?

Message-ID: <5.1.0.14.0.20020120135208.00a0bec0@mail.seboldt.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:15 AM 1/20/02 -0600, you wrote:

>So where do you get things like Analog Devices AD9835BRU and so on in small
>quantities, without S&H costing a lot more than the chip itself?

Good old Allied Radio, in its current form, www.alliedelec.com , has a lot of RF stuff that places like Digi-Key or Mouser don't carry. I've found the former Motorola PIN diodes and tuning diodes (now made by ON Semiconductor), and some of the most common Analog Devices chips, including the AD9850 (but not your 9835...)

Future Electronics, www.future-active.com, is another supplier that carries lots of RF stuff. I get inconsistent messages about small quantities, however... for example, right now I only see a package of 96 as the smallest available for your AD9835

(<http://www.future-active.com/results.asp?>

[hidPageName=0&ddCountry=US&ddCurrency=USD&SearchType=Contains&txtSearch=ad9835](http://www.future-active.com/results.asp?hidPageName=0&ddCountry=US&ddCurrency=USD&SearchType=Contains&txtSearch=ad9835))

, but in my paper catalog shows a small number of RF components (not the '9835, unfortunately for you) in small quantities. Haven't actually ordered

from them.

Date: Sun, 20 Jan 2002 14:19:07 -0600
From: John Seboldt K0JD <k0jd-1@seboldt.net>
To: qrp-1@Lehigh.EDU
Subject: [117922] Re: Where do ya'll get DDS chips [AD####] in onsies?
Message-ID: <5.1.0.14.0.20020120141814.00a0aab0@mail.seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:25 PM 1/20/02 -0700, you wrote:

>Mouser Electronics.
>
>On Sun, 20 Jan 2002, Nick Kennedy wrote:
>
>
> > So where do you get things like Analog Devices AD9835BRU and so on in
> small
> > quantities, without S&H costing a lot more than the chip itself?

According to my web browser, Mouser doesn't carry Analog stuff.
<http://www.mouser.com/products/vendors.cfm?CFID=15767550&CFTOKEN=76821877>

Date: Sun, 20 Jan 2002 15:23:37 EST
From: SMurph555@aol.com
To: qrp-1@lehigh.edu
Subject: [117923] Accessing Yahoo Mail Reflectors (groups) - Lengthy
Message-ID: <ce.203a8b31.297c8149@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all,

Someone suggested that I post on QRP-L the process for accessing qrp-related mail reflectors, or groups, on Yahoo. Previously, I'd been able to read the archives of one of the qrp-related groups by just going to it, but the archives have been closed to all but members of that group. Since I wanted to "read the mail", I asked for advice on QRP-L and received it.

Perhaps the first thing to do is to take a look at the Yahoo groups to see which, if any, interest you. I did that by going to <http://groups.yahoo.com> That site allows you to search their groups; I did and found some 39 qrp-related groups and over 900 related to amateur radio. In your search you'll see that most of the groups require Most of the groups require one to be a member to access the archives, let alone post messages or receive email.

So you then must register with Yahoo. That process, which one can get to from the website I mentioned above, requires an identifier, a password and a valid e-mail address. When you've finished doing this to the satisfaction of the registration process, Yahoo then sends an e-mail to you. You must respond to that e-mail, at which point you're registered.

It appears that you're not committed to anything by registering to join the groups. I do suggest being careful in your choices as you go through the registration process. But Yahoo apparently depends on advertising for revenue, as I found out on one group I joined. In accessing archive messages, advertisements will pop up enroute. As commercials are inherent to watching most TV, that doesn't bother me greatly.

Now go back to the group or groups you want to join. On the site you are offered instructions and choices. As I wanted only to view archives or post messages, I filled out the choices accordingly. In particular, I asked not to receive email. In the case of some of these groups, you must then also await approval by the group owner, manager or moderator. In a few hours I received that after having told the owner who I was and, I think optionally why I was interested in the group.

So that's the process. I know this message is lengthy, and the Internet adept may find it tedious. On the other hand, those like myself, who were born before the first digital computer was built, may find the detail helpful.

72/73

Cal K4JSI

Date: Sun, 20 Jan 2002 15:30:55 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <SMurph555@aol.com>
Subject: [117924] Re: Accessing Yahoo Mail Reflectors (groups) - Lengthy
Message-ID: <04de01c1a1f1\$64b10e80\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <SMurph555@aol.com>
Subject: Accessing Yahoo Mail Reflectors (groups) - Lengthy

> But Yahoo apparently depends on advertising for revenue

I don't mind looking at a reasonable number of ads on the way, but giving away my email address is inviting an increase in the amount of SPAM I get, which is not especially welcome.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: 20 Jan 2002 10:44:34 -0500
From: Caitlyn Martin <ku4qd@qsl.net>
To: qrp-l@lehigh.edu, yaesu@mailman.qth.net
Subject: [117925] WANTED: Yaesu FT-7 (original version)
Message-ID: <1011541488.11256.42.camel@localhost.localdomain>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

Hi,

Does anyone have a nice working Yaesu FT-7 (not the later FT-7B) they would be willing to part with? I'd prefer one in decent cosmetic condition. Please e-mail me with what you have (i.e.: mic., manual, power cord, etc...) and price.

Thanks and 73,
Caity
KU4QD

Date: Sun, 20 Jan 2002 15:03:10 -0600
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: <w2eb@twcnj.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117926] Re: Hacked at QRZ.com
Message-ID: <002601c1a1f5\$e014bf00\$ee8dfea9@halpc.org>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill. Looks like all that is there now is the standard shot of the world from outer space. The little filler that's always there till you upload your QSL or photo. Someone must have corrected it.

<http://u1.netgate.net/~kirby34/rsg/wheltonp.htm>

----- Original Message -----

From: "Bill" <w2eb@twcnny.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 19, 2002 11:26 PM
Subject: OT: Hacked at QRZ.com

> Folks,
>
> In the unlikely event that any of you has looked up my callsign at
> QRZ.com recently, please note that the picture you saw WASN'T ME!!!
> Someone hacked my callsign page and added a bogus picture. I have
> NEVER posted a picture there, nor do I plan to in the future.
>
> 73,
>
> Bill
> W2EB
>

Date: Sun, 20 Jan 2002 14:20:04 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <nkennedy@tcainternet.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [117927] Re: Where do ya'll get DDS chips [AD####] in onsies
Message-ID: <B8708293.109F8%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Nick - I too have had good luck in getting free samples from Analog Devices. They tend to be one of those IC manufacturers that are out of stock on things for long periods of time. If you get on their mailing list, that will also help you to get free samples from time to time. -Duffey
James R. Duffey KK6MC/5

Cedar Crest, NM DM65

Date: Sun, 20 Jan 2002 14:19:08 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<ilardi@hotmail.com>
Subject: [117928] Re: headphones
Message-ID: <000a01c1a1f8\$1924ad80\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Frank,

Check out the Kenwood HS-6, light weight, comfortable, but the best part is the limited frequency range: 100 - 10000 Hz, perfect for communications work. (Less hiss)

----- Original Message -----
Subject: headphones
From: Frank Ilardi (ilardi@hotmail.com)
Date: Sun Jan 20 2002 - 14:57:20 EST

> Hi list,
>
> I'm looking for some advise on a good pair of headphones, both
> for the field and for home. any suggestions out these?

73, Rod N0RC
Ft Collins, CO

Date: Sun, 20 Jan 2002 13:37:22 -0800
From: "Robert Marlan" <rsm@otology.com>
To: <rod@n0rc.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117929] Re: headphones - Aircraft and Communications....
Message-ID: <001d01c1a1fa\$a578d520\$5700e50c@mocha>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

I think Rod hit the nail on the head.

Communications headsets need limited freq response - unlike walkmans...

Is there any easy way to build a small active or passive filter so one could use easily obtainable "stereo" headphones for communications.

Also, I have thought about buying aircraft phones - but will they work - are they sensitive enough for good output - I think there impedance is also different. If you get a boom mike - for ssb, I think it needs a bias voltage - standard for aircraft - but non-standard for me!!!

Any ideas???

Robert KA6NOC
rsm@otology.com

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, January 20, 2002 1:19 PM

Subject: Re: headphones

> Frank,

>

> Check out the Kenwood HS-6, light weight, comfortable, but the
> best part is the limited frequency range: 100 - 10000 Hz, perfect
> for communications work. (Less hiss)

>

> ----- Original Message -----

> Subject: headphones

> From: Frank Ilardi (ilardi@hotmail.com)

> Date: Sun Jan 20 2002 - 14:57:20 EST

>

> > Hi list,

> >

> > I'm looking for some advise on a good pair of headphones, both
> > for the field and for home. any suggestions out these?

>

>

> 73, Rod N0RC

> Ft Collins, CO

>

>

>

Date: Sun, 20 Jan 2002 14:46:24 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <ilardi@hotmail.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [117930] Re: headphones
Message-ID: <B87088C0.109FA%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Frank - I have a wide variety of headphones in the shack.

The most comfortable pair of headphones I have ever used were a set of Sennheiser on the ear phones. Very good sound and they are so light that you don't know that you are wearing them. They have a web page and sell refurbished units at reasonable prices. Reasonable, not cheap. Good quality and they will last a lifetime. You can use them with your stereo as well.

I have an old pair of Koss Pro4AA over the ear headphones made for Stereo use. These are very comfortable and shut out the room noise pretty completely. I think that Radio Shack sells an equivalent (PRO 44A?) these days. These phones do show up all the audio warts in rigs: high frequency noise and Hum in particular.

I also have a 20 + year old pair of Yaesu communications headphones. These too are over the ear and shut out all of the room noise. Not being designed for Stereo use, they don't show the hum and hiss that stereo phones can. Unfortunately these pinch my head and hurt after an hour or two.

I inherit all of the "walkman" and "CD" earphones that the kids break. I usually fix these with electrical tape and small bits of stiff wire. My wife wonders why I bother. The quality of these phones varies considerably, but the price is right, they are comfortable and work well.

I have a pair of ear buds that are very comfortable and lightweight for backpacking. Good sound and high quality. These haven't broken yet so I can only "borrow" them from the kids.

I also like the type of phones that go perpendicuallrly in the ear. The kids have a set of these, Sony, and I am eagerly waitng for them to break. :^)

With the K-1 I use a set of Koss headphones designed for a CD player that I boorrowed from Jay, WA5WHN at last years FYBO. I must return these one day. :^)

I hope that this helps - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 20 Jan 2002 16:45:18 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: "George, W5YR" <w5yr@att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117931] Re: QRP PSK-31?
Message-ID: <001401c1a214\$e7282ce0\$fde1d73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George and gang-

>>-----Original Message-----
From: George, W5YR <w5yr@att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, January 20, 2002 9:40 AM
Subject: Re: QRP PSK-31?

It works out this way:

IF you have set up all your audio equipment so that nothing is distorting, then if the keydown output power from your transmitter is 5 watts, as read on an *average* power meter, not a peak-reading meter, then in IDLE your meter should read 2.5 watts.

If you have a PEP meter, then using that mode, key down and set up for a PEP of 5 watts. Then turn on the IDLE mode with the wattmeter still readin PEP, and you will still see 5 watts because that is the PEP of the PSK31 IDLE signal.<<

That assumes your meter's PEP function has a very long time constant. On my meter, when I go from 'tune' to 'idle' the PEP indication drops about 20% and there's 'wiggle' evident in the meter motion. A look at the waveform with a scope, of course, reveals that there's still a 5W PEP signal there.

73- Dave Benson, K1SWL

Now switch the meter to average power, and it will drop to 2.5 watts. If it does not, then you are dealing with a distorted two-tone signal and will probably need a scope to really diagnose the problem.

Lacking that, start by reducing your soundcard output settings on the Volume and Wave sliders on the mixer display. Next reduce the mic gain of the rig. Continue reducing things and trying different relative settings until you can find the combination of levels that gives the 2:1 ratio between PEP and average on the wattmeter. I think that you can see where a scope makes this job a lot easier! <:}

The absolute accuracy of your wattmeter is not terribly critical. Most meters that have both PEP and average modes will correctly show the difference in power between the two even though the actual power indications may be in error.

Hope you continue to enjoy PSK31. If you are getting acceptable IMD reports already, you are not too far off the mark. Really careful adjustments should get you better than -30 db IMD reports. I find with the Icom IC-756PRO and very careful adjustments that I can get about -35 db for IMD as measured with another receiver and computer, etc. in the shack. Under those conditions, the PRO is putting out 40 watts PEP and exactly 20 watts average. I know, not QRP, but that is the highest level I can run on the PRO and still get exceptional IMD performance. I can operate then at much lower levels just by reducing the audio level out of the soundcard with the Volume slider.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

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wkhibbert@juno.com wrote:

>

> What should the output be in the idle mode to see the rig for 5 watts PEP?

> Should I see 5 watts in that mode, 2.5 watts or what???

Date: Sun, 20 Jan 2002 22:02:37
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [117932] I got the deep-cycle blues!
Message-ID: <F21PtW45YhoSUBj5DMB0000eb03@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

<html><div style='background-color:'><DIV>
<DIV>
<DIV>A couple of years ago I bought a 95-Ah deep cycle marine battery. No, it's not part of my backpacking gear! It's been mostly gathering dust under the operating position of my shack. I hauled it out and hooked it up to a heavy-duty battery charger. It doesn't seem to want to take a charge at all. All six cells have fluid in them. Even after several hours of charging, first setting the charger for 2 A, then 15 A, it still only shows a little more than 300 mV between the terminals. Is the beast good only for the recycling yard, or is there some way of waking it up?</DIV>
<DIV>72,</DIV>
<DIV>Bruce Prior N7RR</DIV></DIV></DIV></div><br clear=all><hr>Chat with friends online, try MSN Messenger: Click Here
</html>

Date: Sun, 20 Jan 2002 16:09:37 -0600
From: "George, W5YR" <w5yr@att.net>
To: Dave Benson <nn1g@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117933] Re: QRP PSK-31?
Message-ID: <3C4B4021.840692A5@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That's correct, Dave. The meter I use most often is the one in my MFJ 989C and it must have a very long time constant since its PEP readings agree right down the line with the PEP indications of the IC-756PRO and do show the 50% power reduction between PEP and average for the two-tone out of the PRO.

I guess that I should have emphasized that the meter should accurately read PEP in order to be used in this manner.

Thanks for reminding us that some of them don't really read PEP! I guess that I am a little surprised at this, though, since for a sustained

two-tone signal, any "PEP" meter with a reasonable time constant should eventually converge to the correct PEP reading if the meter is accurately calibrated to start with.

Curious . . .

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Dave Benson wrote:

>
> George and gang-
>
> >>-----Original Message-----
> From: George, W5YR <w5yr@att.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Sunday, January 20, 2002 9:40 AM
> Subject: Re: QRP PSK-31?
>
> It works out this way:
>
> IF you have set up all your audio equipment so that nothing is distorting,
> then if the keydown output power from your transmitter is 5 watts, as read
> on an *average* power meter, not a peak-reading meter, then in IDLE your
> meter should read 2.5 watts.
>
> If you have a PEP meter, then using that mode, key down and set up for a
> PEP of 5 watts. Then turn on the IDLE mode with the wattmeter still readin
> PEP, and you will still see 5 watts because that is the PEP of the PSK31
> IDLE signal.<<
> -----
>
> That assumes your meter's PEP function has a very long time constant. On
> my meter, when I go from 'tune' to 'idle' the PEP indication drops about 20%
> and there's 'wiggle' evident in the meter motion. A look at the waveform
> with a scope, of course, reveals that there's still a 5W PEP signal there.
>
> 73- Dave Benson, K1SWL
>
> Now switch the meter to average power, and it will drop to 2.5 watts. If it
> does not, then you are dealing with a distorted two-tone signal and will
> probably need a scope to really diagnose the problem.

Date: Sun, 20 Jan 2002 18:25:27 -0500
From: "Harold Smith" <harold.smith1@worldnet.att.net>
To: <ilardi@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117934] Re: headphones
Message-ID: <00b001c1a209\$bff822c0\$3608550c@tinker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Frank,

The phones I use in the shack (They're not really small enough to backpack) are surplus comm phones, made by Astrocom. The part number is H251A/U. They are available from <http://www.surplustuff.com/misc.html>, for about \$15. They are very nice, over the ear types. They come with a weird connector, but it was very easy to put a 1/4" plug on them. It would probably be just as easy to put a 1/8" plug on.

I didn't buy mine from this outfit, so I can't speak to how good the dealer is, but I really like the phones.

Hope this helps.

de KE6TI, Harold

----- Original Message -----

From: "Frank Ilardi" <ilardi@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 20, 2002 2:57 PM
Subject: headphones

> Hi list,
>
> I'm looking for some advise on a good pair of headphones, both for the field
> and for home. any suggestions out these?
>
> Frank AL7LV
>
> Frank Ilardi

> Box 240606
> Anchorage, Alaska 99524

>

>

>

> -----
> Join the world s largest e-mail service with MSN Hotmail.

> <http://www.hotmail.com>

>

Date: Sun, 20 Jan 2002 18:24:15 -0500
From: "Ed Tanton" <n4xy@earthlink.net>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [117935] FW: [drakelist] For sale
Message-ID: <FPEFLKCEIEODIIACFIGOEKFCKAA.n4xy@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

This wattmeter has a VERY nice 20W scale.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

-----Original Message-----

From: owner-drakelist@www.zerobeat.net
[mailto:owner-drakelist@www.zerobeat.net]On Behalf Of Dale Jones
Sent: Sunday, January 20, 2002 5:56 PM
To: drakelist@zerobeat.net
Subject: [drakelist] For sale

I have the following items for sale

Corrected price on Wire screens

2 ea Wire screens that goes on the Drake FA7 Fan. \$ 4.00 ea shipped

1 ea Drake MN7 Tunner excellent shape, orig Knobs \$ 125.00 plus shipping
no manual. the face is in 10 condition, the cabinet
does have some minor scratches, No exterior Balun.

1 ea Drake WH 7 Wattmeter the left plastic trim does \$ 125.00 plus shipping
have a minor crack in it. You must look close to see
otherwise it is in excellent shape.

If you are not satisfied with the item you purchased return it to me with
10 working days and I will return your money less the shipping charges.
Thanks Dale AA7XX

Submissions: drakelist@www.zerobeat.net
Subscribe: majordomo@www.zerobeat.net - subscribe drakelist in body
Unsubscribe: majordomo@www.zerobeat.net - unsubscribe drakelist in
body
Hopelessly Lost: majordomo@www.zerobeat.net - help in body of message
Brought to you courtesy of TLCHost.net <http://www.tlchost.net/>

Date: 20 Jan 2002 18:30:34 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [117936] For Sale
Message-ID: <20020120233034.20779.qmail@cpdv100.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Moved to an apartment, so the following is for sale (prices include shipping
stateside:

Heil Goldline microphone, 4&5 elements, original box. \$110 =

W2IHY 8 band equalizer, with wall wart and cable for either Yaesu or Kenw=

ood.

Used at 1 watt and worked great. Black. \$120

Heil Goldline to FT-817 adapter. \$25

Heil CC-1-T (Ten Tex 4-pin to Goldline). \$25

Heil CC-1-K (Kenwood 8-pin to Goldline). \$25

Heil AD-1Y (Yaesu adapter for all but Goldline). \$15

Heil AD-1C (Yaesu adapter for all but Goldline). \$15

Kenwood MJ-88 Mike adapter. Original package, 8-pin to a telephone type connector. \$20

Kenwood HT mike. \$10

ElectroVoice RE-15 dynamic studio mike (150 ohm), wired to 8-pin Kenwood =
(use
as VOX, or add a ptt switch). \$125

Kenwood HS-5 Headphones, w/spare phone cups (unused). \$50

MFJ 1702B Antenna Switch, 2-position, 0-500 MHz. \$15

MFJ 1704, Antenna Switch, 4-position, 0-500 MHz. \$35

Realistic SP-150 speaker. Good communication speaker (used with the DX-16=
0.
Has no plug) \$20

SkyTec CW-1 Speaker, adjustable frequency, nice. \$20

Radio Shack foot switch, phono plug connector. \$7

Thanks for the bandwidth. More to come.

Mike

Wb5yjx

1 watt all the time

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

End of QRP-L Digest 2441
